

REMARKS

Claims 1-11 are pending in this application.

Claim 6 has been amended into an independent claim incorporating all of the limitations of the preceding claims previously depended from, thus obviating the examiner's objection.

Claim 8 has been amended to remove the Examiner's objection.

Claim Rejections

The Office Action improperly rejected Claims 1-5 and 7-11 as being obvious over Gowni *et al.* in view of Chu *et al.*

The Office acknowledges that Gowni *et al.* do not teach an integrated circuit design including a power management unit controlling a supply voltage. The Office improperly attempts to use Chun to correct this deficiency.

The present claims are directed to a method of creating a design for a semiconductor memory. Gowni *et al.* only discloses a method for automated design of memory devices. Gowni does not disclose providing a user selectable option to selectively allow enablement of an ultra low power feature as part of the design and does not disclose providing a power management circuit design.

The Office contends that Chu teaches an integrated circuit design that includes a power management unit to control a supply voltage within a data processing system, where the data processing system includes a plurality of processors that utilize different supply voltages.

The only teachings from Chu is that if the processors have different supply voltages, a voltage control module can be used to provide the different supply voltages to

each of the plurality of processors. There is no showing in the present claims of a plurality of processors with a plurality of different voltages required.

Furthermore, Chu does not teach including an ultra low power feature that is selectably the user, or a power management design that is selected by the user, rather teaches only a voltage module that can supply variable voltages.

Chu and Gowni cannot be combined to arrive at the present claims.

The rejection is improper and must be withdrawn.

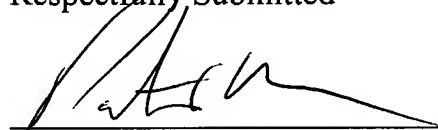
Conclusion

The disclosure of Chu, while disclosing a voltage module that can be used as a power management circuit, does not provide a teaching for having a user selectable option for a ultra lower power feature. Thus, the rejection has been shown to be improper.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephonic or in-person interview would advance the prosecution of the Application.

Although a fee is not deemed necessary, the Office is hereby requested and authorized to charge any fee required to enter the instant amendment against Deposit Account No. 04-1679 to Duane Morris LLP.

Respectfully Submitted



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